

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO.	30-025-04755
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS  
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A  
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH  
PROPOSALS.)

1. Type of Well:  
Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator  
CHEVRON U.S.A., INC.

3. Address of Operator  
P.O. BOX 1150, MIDLAND, TX 79702

4. Well Location  
Unit Letter    L   :    1980    feet from the    SOUTH    line and    660    feet from the    WEST    line

Section   22   Township   21S   Range   36E   NMPM County   LEA  

Elevation (Show whether DR, RKB, RT, GR, etc.)-

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data  
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPLETION ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☒

CASING TEST AND CEMENT JOB ☐

OTHER: ☐

12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

**This well is part of the New Mexico "P&A Pilot Project" conducted by Benterra Corporation to demonstrate the plugging and abandonment process using highly compressed sodium bentonite nodules as the plugging medium.**

Bottom Plug @ 3580' - 3704'	17 cu ft ZONITE	Tagged
B/Salt Plug @ 2719' - 2820'	14 cu ft ZONITE	Tagged
T/Salt-Rustler Plug @ 1390' - 1589'	27 cu ft ZONITE	Tagged
FW/10 3/4" Shoe Plug @ 225' - 354'	17 cu ft ZONITE	Tagged
Surface Plug @ 3' - 33'	4 cu ft ZONITE	

Set marker. Chevron to clean location.  
Plugging operations began 10/30/01 and ended 5/3/02.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Garland Bledsoe TITLE HES Specialist DATE 6/3/02

Type or print name Garland Bledsoe

(This space for State use) Telephone No. (915) 687-7153

APPROVED BY [Signature] TITLE Asst. Dir. DATE 8-8-02

Conditions of approval, if any:

GWW

# Daily Operations Summary

<b>OPERATOR</b> Chevron U.S.A. Production Company			<b>DATE</b> See Below	
<b>LEASE &amp; WELL NUMBER</b> EMSU #452			<b>COUNTY &amp; STATE</b> Lea, New Mexico	
<b>FIELD</b> Eunice – Monument			<b>FORMATION</b> Grayburg	
<b>TD</b> 4029'	<b>PBD</b> 3704'	<b>RKB</b> 5'	<b>PERFS</b> OH 3789 – 3842'	
<b>SURFACE</b> 10¾" @ 304'	<b>INTERMEDIATE</b> 75/8" @ 1539'	<b>PRODUCTION</b> 5½" @ 3789'	<b>CIBP DEPTH</b> 3704'	
<b>OPERATOR CHARGE CODE</b>			<b>BENTERRA CHARGE CODE</b> NWNMR-00101-022	
This well is part of the New Mexico "P&A Pilot Project" conducted by Benterra Corporation to demonstrate the plugging and abandonment process using highly compressed sodium bentonite nodules as the plugging medium.				
10/30/01				
MIRU Benterra Unit #4. SIP = static. Remove WH. WIH w/ 3½" FLT, tagged btm @ 3897', FL @ 110' FS. Re-ran FLT to recover water sample from 300'. Baker Petrolite checked sample on location, chlorides = 19,170 PPM. Rec 2 <sup>nd</sup> sample from 400', chlorides also checked @ 19,170 PPM. This fluid unacceptable for placement of ZONITE, will not swell in this level of chlorides. Hole will be circulated w/ fresh water prior to initiating P&A operations. Installed WH & RD Benterra.				
10/31/01				
Baker Petrolite lab in Midland tested chlorides @ 19,920 PPM, confirming field readings.				
11/2/01				
Previous tag of bottom @ 3897' appears incorrect. RU Benterra Unit #4 to re-check TD. WIH w/ 3½" FLT and tagged bottom @ 3704' WLM, OK. Installed WH & RD Benterra.				
11/5/01				
MIRU Key Energy Unit #99. Remove WH & installed BOP. Tally 145 jts tbg on racks. PU 118 jts & tag btm @ 3700'. SWI & SDON.				
11/6/01				
Landed end of tbg 10" off bottom. RU Key pump & vac trucks. Circ hole w/ 130 bbls fresh water. RD trucks. POH & LD 23/8" tbg. Remove BOP & installed WH. SWI. RD & RPU.				

11/7/01

MIRU Benterra #4. SIP = static. Remove WH. Pour 17 cu ft ZONITE, wait & tag @ 3580'. Bottom plug set 3580' – 3704' (124') w/ 17 cu ft ZONITE as of 9:30 AM 11/7/01. Pushed 5½" wiper rubber to 2820'. Poured 14 cu ft ZONITE, wait & tag @ 2719'. B/salt plug set 2719' – 2820' (101') w/ 14 cu ft ZONITE as of 12:10 PM 11/7/01. Push 5½" wiper rubber to 1589'. Poured 27 cu ft ZONITE, wait & tag @ 1390'. T/Salt - Rustler plug set at 1390' – 1589' (199') w/ 27 cu ft ZONITE as of 2:30 PM 11/7/01. Pushed 5½" wiper rubber to 354' (FL @ 44'). Poured 17 cu ft ZONITE, wait & tag @ 225'. Fresh water - 10¾" shoe plug set 225' – 354' (129') w/ 17 cu ft ZONITE as of 3:35 PM 11/7/01. Pushed 5½" wiper rubber to 33', poured 4 cubic feet ZONITE & filled csg to surface. Top plug in place 3:55 PM 11/7/01. Left wellbore open to atmosphere. RD Benterra.

11/21/01

Open to atmosphere. Top of plug dehydrated. Add water, had bubbling but appeared to be air working out of dehydrated plug. Stirred top of plug & bubbling ceased. Water level now @ top of side outlets.

11/26/01

Open to atmosphere. Water level @ side outlets, no bubbling.

12/10/01

Open to atmosphere. Top of plug dehydrated, no indications of any problems.

12/19/01

Open to atmosphere. Top of plug dehydrated, added ½ gal of water to fill tubinghead to side outlets, no bubbling.

1/03/02

Open to atmosphere. Top of plug partially dehydrated and frozen.

1/14/02

Open to atmosphere. Top of plug dehydrated, added 1 gal of water and had no bubbling.

1/28/02

Open to atmosphere. Water present on top of ZONITE plug, no bubbling.

2/20/02

Check location – no problems.

3/14/02

Check location – no problems.

3/18/02

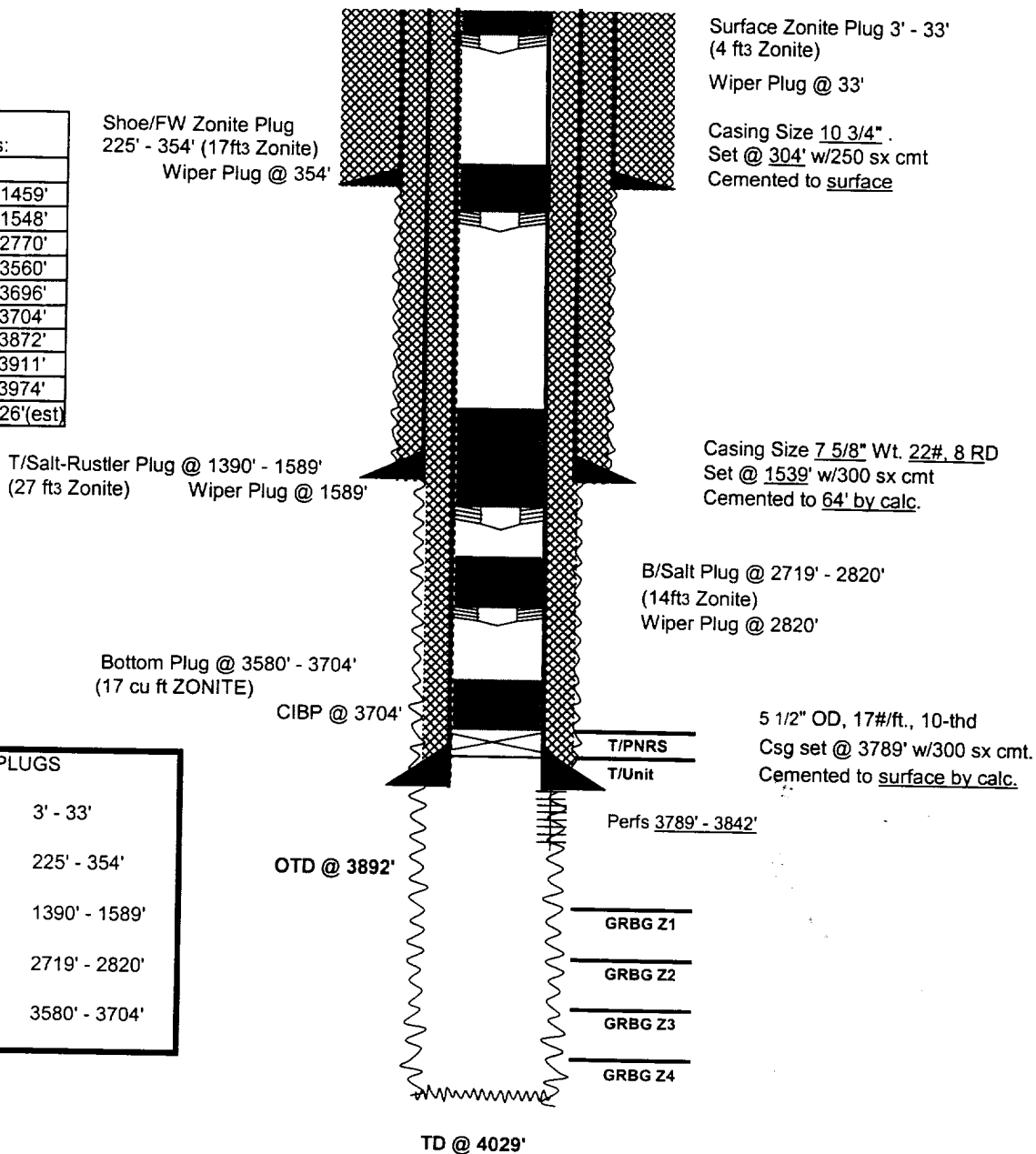
Check location – top of plug dehydrated, added water and had no bubbling.

**Well Name:** Eunice Monument South Unit #452  
(Orig. Harry Leonard (NCT-A) #1)  
**API Number:** 30-025-04755  
**Coordinates:** 1980 FSL & 660FWL  
**S - T - R:** Sec 22 - T21S - R36E  
**County / State:** Lea, NM  
**Drilled:**

**Operator:** Chevron  
**Field:** Eunice Monument South Unit  
**Date:** 6/4/02  
**By:** CRS

**RKB =** 5 GL

Formation Tops:	
Rustler	1459'
T/Salt	1548'
B/Salt	2770'
Queen	3560'
Penrose	3696'
EMSU Unit	3704'
Grayburg Zone 1	3872'
Grayburg Zone 2	3911'
Grayburg Zone 3	3974'
Grayburg Zone 4	4026'(est)



**ZONITE PLUGS**

Top Plug	3' - 33'
FW/10 3/4" Shoe Plug	225' - 354'
T/Salt-Rustler Plug	1390' - 1589'
B/Salt Plug	2719' - 2820'
Bottom Plug	3580' - 3704'